

Too Much Is Too

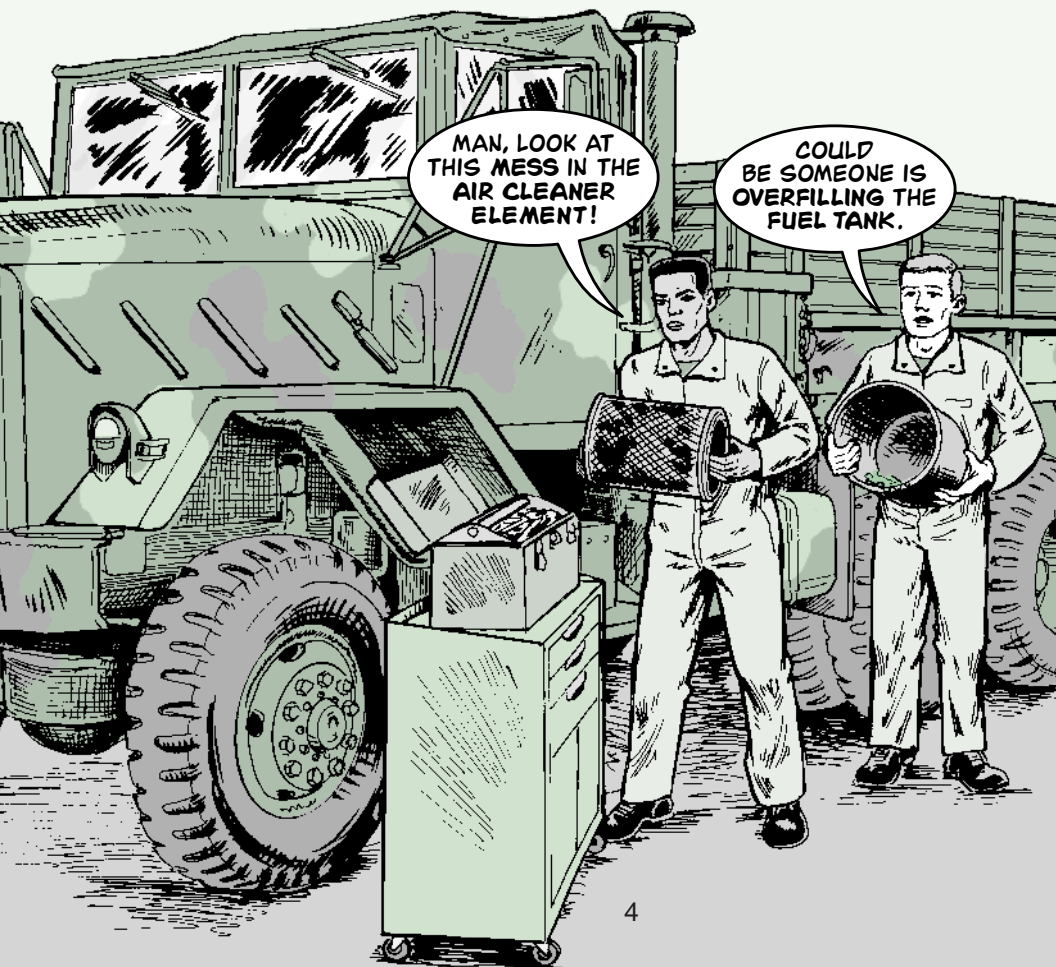
No way oil is supposed to be in your M939-series truck's air filter, but there it is. So where did it come from?

Oil-fouled air filters often start with an overfilled fuel tank. But how does that happen?

The fuel tank, transmission gear case and transfer gear case all vent into the air cleaner duct. Fuel from an over-

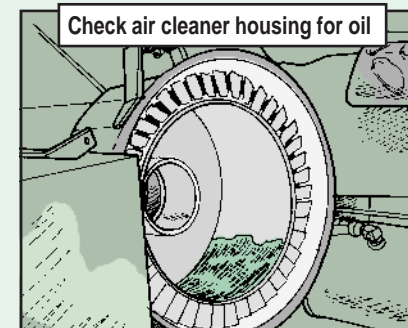
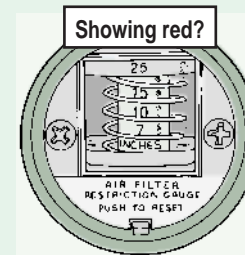
filled tank can run through the vents...and end up in the gear cases. Then, oil from the overfilled gear cases is forced out through the vent lines...and ends up in the air filter.

It's also possible that a leaking interlock air cylinder can pressurize the transfer and push oil into the air filter.



Bad for Filter

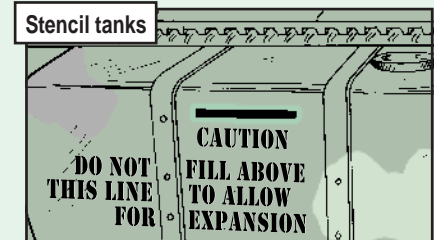
Regardless, if the air restriction indicator in the cab shows red, check the air cleaner. If it's oil-clogged, check the levels in the transmission and transfer gear cases. If they're overfilled, have your mechanic drain the excess.



Consider, too, that the oil in these components may contain fuel. If so, change the oil.

If either gear case is low, support can check the transfer interlock air cylinder for leaks.

A good reminder not to overfill the fuel tank is to paint a line two inches from the top of the tank. Then, stencil "CAUTION: Do not fill above this line to allow for expansion" in 1-in black



letters as shown in Fig 17 of TB 43-0209, *Color, Marking and Camouflage Painting of Military Vehicles, Construction Equipment and Materials Handling Equipment* (Oct 90 with Change 1, May 91).

HMMWV...

Less Heat, Less Damage

Tired of having to pry swollen dashboard light lenses off your HMMWV to replace a burned-out bulb?

Replace the bulb that produced so much heat that it caused the lens to swell with a cooler-operating LED kit, NSN 5980-01-438-8939. The kit contains the LED and a clear lens.

If you need just the LED, order NSN 5980-01-438-7452. Get the lens only with NSN 6220-01-429-4596.

Standard bulbs swell lenses, so use LEDs

